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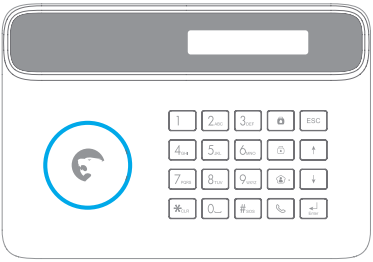


Security Kit / Security Kit Plus - *S4 Cell + Line*

GSM and Landline Alarm System

www.etiger.com

EN

Features

- GSM/PSTN transmitter
- Supports up to 30 remote controls, 50 wireless accessories and 50 RFID tags
- Can store up to 5 phone numbers, 5 SMS numbers, and 2 CMS numbers (for systems connected to a Central Monitoring System)
- Arm / disarm the system by SMS, phone call, or App (on iOS or Android)
- Can be disarmed by RFID tag
- Built-in siren (100dB) and call function from the panel
- SMS alerts for power failure, power recovery and low battery
- Audio surveillance of the site from distance
- 2 x 800mAh lithium batteries included (8h battery life in standby mode)

Specifications

Product name
Security Kit - *S4 Cell + Line*

SKU
S4-CL

Control panel power supply
Input: AC 110-240V / 50-60 Hz
Output: DC 12V / 800 mA

GSM working frequency
850 / 900 / 1800 / 1900 mHz

Radio-frequency
315 MHz (±75KHz)

Standby current
110 ma

Alarm current
340 mA

Backup batteries
Lithium Batteries: 3.7V / 800 mAh x 2 (BL-5B)

Internal siren
100 dB

Housing material
ABS plastic

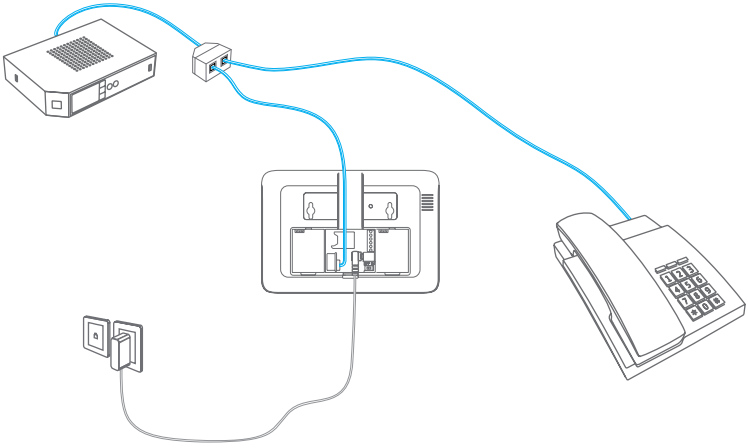
Operating conditions
Temperature: 14ºF ~ 131°F
Humidity: ≤ 80% (non-condensing)

Control panel dimensions (L x W x H)
7.4" x 5.2" x 1.0"

Box Content

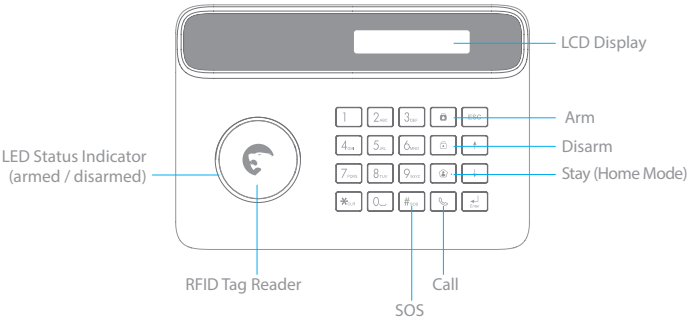
S4 Control Panel x1
Motion Detectors x2
Door / Window Contacts x2
Remote Controls x2
RFID Tags x2
PSTN Cable x1
PSTN Adaptor x1
AC Adaptors x1
Documentation x1

Security Kit Plus - *S4 Cell + Line*
+ IP Camera x 1 (with AC Adaptor and manual)

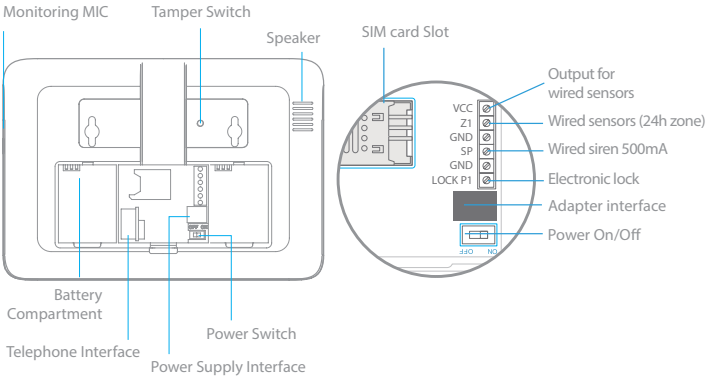


Quick Start-up

Control Panel Layout (Front)



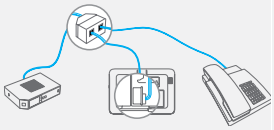
Control Panel Layout (Back)



Connect your System

The Security Kit - *S4 Cell + Line* features a dual GSM and PSTN transmitter. This means that the control panel of your alarm system will communicate with you either through a SIM card (GSM module) or through your telephone landline (PSTN module).

a. Using the PSTN transmitter (telephone landline)
Connect the smaller connector of the telephone cable (supplied with your system) to the landline interface in the battery compartment at the back of the panel. Connect the other end of the telephone cable to the signal output provided by your landline carrier or to the phone connector of your ADSL box.



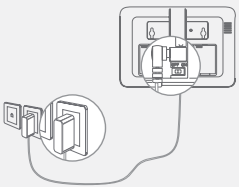
b. Using the GSM transmitter (SIM card)
Open the battery compartment at the back of the control panel and insert a SIM card in the control panel.

Important
Before using the Security Kit - *S4 Cell + Line* in GSM mode, you need to purchase a SIM card that works on the GSM network with 850 / 900 / 1800 / 1900 MHz frequency. We recommend you to subscribe to a plan with unlimited texts and one hour of voice. For more information, please contact your local reseller.

Important
Make sure the SIM card does not require any PIN code. For more information, please contact your local reseller.

Turning your System On

1. Plug the AC adaptor to an AC socket.
2. Plug the output connector of the AC adaptor into the adaptor interface in the battery compartment at the back of the control panel.
3. Turn the power switch to "ON" (in the battery compartment at the back of the control panel).



Mount the Control Panel

Before mounting the control panel on the wall, make sure the reception of the GSM signal is sufficient. Fix the wall-mounting bracket on the wall with screws. Wedge the panel on the bracket, make sure they fit well.

First Operations

Select GSM / PSTN Mode
Refer to the instructions page 11 to deactivate the mode you do not want to use.
GSM mode only (SIM card required, sold separately): set "LINECUT ALARM" to "OFF"
PSTN mode only (connection to your telephone landline required): set "GSM FAIL TIP" to "OFF"
By default, both GSM and PSTN are activated.

Store a phone number
To interact with the control panel by SMS, by phone call and/or from the app, at least one phone number must be stored in the control panel. Please refer to the instructions on page 10 of this manual.

Change the language
By default the language of the S4 control panel is set to English. If you wish to change the system language, refer to the instructions on page 22 of this manual. "System language" refers to the language of the SMS you receive from the control panel, and the menu of the LCD display.

Arm / Disarm the System

The alarm system can be armed or disarmed on the control panel, by SMS, by App and by phone call.

On the control panel: Refer to the instructions on page 9 of this manual.

By RFID tag (disarm only): swipe the RFID tag in front of the RFID reader of the control panel.
To start receiving SMS notifications when the system is disarmed by RFID tag, you must store an SMS number and rename the RFID tags as explained respectively on page 18 and page 19 of this manual (up to 4 RFID tags can be renamed). If you have stored several SMS numbers, only the first number stored will receive SMS notifications when your system is disarmed by RFID tag.

By SMS (in GSM mode only):
To arm the system: send "1" by SMS to the number of the SIM card in the control panel.
To disarm the system: send "0" by SMS to the number of your system's SIM card.

By app (in GSM mode only): Click on "Arm" in the app. The app is available for download on the App Store and Google Play (more information on etiger.com).

Register Wireless Accessories & RFID Tags

1. Type your admin code followed by "Enter" on the control panel to enter the setup menu.
2. Enter the Connection Mode by navigating through the menu:
   "ACCESSORIES" –> "WIRELESS SENSORS" , "RFID TAG" or "REMOTE" –> "ADD A NEW"
3. Trigger the accessory once within the next 15 seconds (for the RFID tag, swipe it in front of the RFID reader of the control panel). You hear one beep: the registration is successful.

Default admin code is 123456. To change the admin code, refer to the instructions "Admin Code" on page 11.

If the accessory has already been registered, the control panel will beep twice. The first accessory registered is assigned to zone 1, the second accessory registered is assigned to zone 2, etc. Zones 1 to 9 can be renamed. Zones 10 to 50 cannot be renamed (refer to the instructions on page 19 to learn how to rename zones).

Speed Dial

Press the Call button "✆" on the control panel for 3 seconds: the panel auto-dials the first stored phone number. Press the Call button "✆" to end the call.

Hands-free Phone Call from the Panel

Through PSTN
Press the Call button "✆" on the control panel, type the phone number you wish to call and press "Enter".

Through GSM
Press the Call button "✆" on the control panel, type the phone number you wish to call and press the Call button "✆" again.

Hard Reset

Turn the control panel off. Press and hold the "✱" key while turning the control panel on. Then enter "123456" on keyboard.

Settings will be restored to default values. Stored phone numbers and connected accessories will be cleared.

Control Panel Operations

Arm the System

Press the Arm button "🔒" on the control panel. The control panel beeps once: the system is armed.

Note
If the Entry / Exit Delay is activated, only the Delay zone will be armed after the delay set (refer to the instructions on page 11 of this manual "Entry / Exit Delay").

Disarm the System

Type your user code and press the Disarm button "🔓" on the control panel. The control panel beeps twice: the system is disarmed.

Default user code: 1234

Home Mode

Press the Stay button "🏠" on the control panel. The control panel beeps once: the system is armed in Home Mode.

All the sensors assigned to the Normal zone are armed. The sensors assigned to the Home zone are disarmed.

For more information on zone setup, please refer to the instructions on page 14 of this manual.

Emergency Mode

Hold the "#$_{SOS}$" button for 3 seconds. The alarm is triggered immediately and the siren rings out. At the same time, the control panel dials the stored phone numbers.

Setup from the Control Panel

The control panel of your alarm system features an LCD display that enables you to navigate through the menu of the control panel and set up your alarm system.

To enter the setting menu, type [*your admin code* + Enter] on the control panel.

Default admin code: 123456

In the table on the next page, each column represents a menu or a sub menu. Each menu or submenu will be displayed on one of the two lines of the LCD display. On the LCD display, the current menu, submenu, or setting is shown on the line at the bottom, while the previous menu or submenu is shown on the line at the top.

Navigate and select the setting you wish to modify with the keys "↑" or "↓", and enter each menu or sub menu by pressing "Enter".

How to use the keyboard
"*" = delete
"↓" = move forward
"↑" = move backward
"Enter" = select / confirm
"Esc" = back / previous step in the menu / cancel

The tables on the next pages summarize all the settings that can be accessed and modified on the control panel.

Main Menu	Sub Menu 1	Sub Menu 2	Sub Menu 3	Comments	Note
PHONE NUMBERS	**PHONE [1~5] IS:**		-	Select the phone or SMS number you want to edit, type in the phone number and confirm with the key "Enter". Use the key "*" to clear. 5 phone numbers, 5 SMS numbers and 2 CMS numbers can be stored in the control panel.	If you want to set a CMS center phone number, please refer to the instructions on page 14 of this manual.
	SMS NUM [1~5] IS:				
	CMS NUM [1~2] IS:		-		
ACCESSORIES	**REMOTE**	ADD A NEW	-	The LCD screen displays "PLS CONNECT 30": press any button on the remote control within the next 30 seconds (the countdown is indicated on the screen after "PLS CONNECT", in seconds). You hear one beep, the LCD screen displays "ADD OK! REMOTE [01~30]": the connection is successful.	
		DELETE ALL?	1=YES 0=NO		
		DELETE ONE	ENTER 01-30:	Select the remote control you wish to delete.	
ACCESSORIES	**RFID TAG**	ADD A NEW	PLS CONNECT	The LCD screen displays "PLS CONNECT 30": swipe the RFID tag in front of the RFID reader on the control panel within the next 30 seconds (the countdown is indicated on the screen after "PLS CONNECT", in seconds). You hear one beep, the LCD screen displays "ADD OK! RFID [01~50]", the connection is successful	
		DELETE ALL?	1=YES 0=NO		
		DELETE ONE	ENTER 01-50	Select the RFID tag you wish to delete	
ACCESSORIES	**WIRELESS SENSORS**	ADD A NEW	NORMAL SENSOR HOME SENSOR DELAY SENSOR 24 HOUR SENSOR	Select the sensor type you wish your sensor to be assigned to (Normal Sensor, 24 Hour Sensor, Delay Sensor, or Home Sensor), press "Enter" to confirm. The LCD screen displays "PLS CONNECT 30": trigger the detector once within the next 30 seconds (the countdown is indicated on the screen after "PLS CONNECT", in seconds). You hear one beep, the LCD screen displays "ADD OK! SENSOR [01~50]", the connection is successful.	For more information on zone setup, refer to the instructions on page 14.
		DELETE ALL?	1=YES 0=NO		
		DELETE ONE	ENTER 01-50:		
ACCESSORIES	**TEST MODE**		-	Trigger the sensors you have previously connected to the control panel. You hear 1 beep, the LCD screen displays the signals that have been respectively sent by each sensor triggered. Make sure all the sensors you have triggered are mentioned on the LCD screen. Press "Esc" to exit the test mode.	This mode enables you to test if the sensors have been connected successfully to the control panel.

Main Menu	Sub Menu 1	Sub Menu 2	Sub Menu 3	Comments	Note
SYSTEM SETTINGS	**DATE AND TIME**	YYYY-MM-DD TIME			*(e.g. 2014-06-20 14H30)*
SYSTEM SETTINGS	**ENTRY EXIT DELAY**	ENTRY DELAY	000-300	This function can be used if you do not want to bring a remote control or RFID tag with you. When the system is armed, you hear one beep every second to remind you to leave. The beep rhythm speeds up during the last 10 seconds. If an intruder is detected, the alarm will be delayed accordingly. Time is calculated in seconds. The Entry and Exit Delay can be set from 0 to 300 seconds.	The entry and exit delay is only for sensors connected as Delay Zone accessories (see "Wireless" on page 10). The **Entry Delay** gives you time to disarm the system on the control panel without triggering an alarm. The **Exit Delay** gives you time to arm the system on the control panel and leave your home without triggering an alarm.
		EXIT DELAY	000-300		
SYSTEM SETTINGS	**AUTO ARM / DISARM**	AUTO ARM TIME	<00:00>	You can set up the system to arm and disarm automatically at a defined time every day.	Setting Auto Arm and Auto Disarm to the exact same time will deactivate the function.
		AUTO DISARM TIME	<00:00>		
		ON OR OFF?			
SYSTEM SETTINGS	**CONTROL BY PHONE**	ON / OFF	-	You can activate or deactivate the control of your system by phone call. Activating the control by phone call enables you to arm and disarm the system and monitor your home by phone call.	See instructions on page 13 for more information on the control of the system by phone call.
SYSTEM SETTINGS	**LINECUT ALARM**	ON / OFF	-	If the linecut alarm is on, the alarm will be triggered if your telephone line is down. The first SMS number stored receives a notification by SMS (only in GSM mode).	Deactivate this function if you want to use the alarm system in GSM mode only.
SYSTEM SETTINGS	**GSM FAIL TIP**	ON / OFF		Notification of SIM/ GSM signal problem.	Deactivate this function if you want to use the alarm system in PSTN mode only.
SYSTEM SETTINGS	**KEYPAD TONES**	ON / OFF	-	Activate or deactivate the sound when typing on the keyboard of the control panel.	
SYSTEM SETTINGS	**ACCESS CODE**	ADMIN CODE	123456	Your admin code enables you to enter the setup menu. *Default admin code: 123456*	It is recommended to change all codes before using your system for the first time and to keep your codes secret
		USER CODE	1234	Your user code enables you to disarm the system on the control panel. The user code is the access code requested when you call the control panel. *Default user code: 1234*	
		DURESS CODE	0000	In case of emergency, when you are requested to disarm the system by force, it is recommended to disarm your system with your Duress Code. The panel will silently dial the stored phone numbers. *Default duress code: 0000*	
		OPEN DOOR CODE	8888	You can open electronic doors using this code. The door must be wired to the [LOCK] interface on the back of the control panel.	

Main Menu	Sub Menu 1	Sub Menu 2	Sub Menu 3	Comments	Note
SYSTEM SETTINGS	**RINGING TIMES**	<0-9>	-	This function enables you to determine the number of times the control panel will ring before taking your call (for control by phone call).	
SYSTEM SETTINGS	**SIREN SETUP**	WIRED SIREN	SIREN SWITCH <ON OR OFF?>		Wired siren refers to a siren connected to the control panel by wire.
			ARM/DISARM TONE <ON OR OFF?>		
		IN SIREN VOLUME	0-1 (0=MUTE)		
		SIREN ALERT TIME	3 MIN	Siren ringing time is calculated in minutes, default setting is 3 minutes. If you set the ringing time to 0, the siren will not ring out.	
		BUILT-IN SIREN	SIREN SWITCH <ON OR OFF?>		Built-in siren refers to the siren featured in the control panel.
			ARM/DISARM TONE <ON OR OFF?>		
		WIRELESS SIREN	SIREN SWITCH <ON OR OFF?>		Wireless siren refers to a siren connected to the control panel by radio-frequency.
			ARM/DISARM TONE <ON OR OFF?>		
SYSTEM SETTINGS	**USER ID**	(4 DIGITS):0000	-	More information on page 14 of this manual	This information is supplied by your CMS center. After having stored the user ID, the CMS center will be able to determine your exact location according to your ID number.
SYSTEM SETTINGS	**ARM UPLOAD**	ON / OFF	-	If "ON", you receive a notification by SMS when the system is armed.	This function is only available in GSM mode (SIM card required).
	DISARM UPLOAD	ON / OFF	-	If "ON", you receive a notification by SMS when the system is disarmed.	
SYSTEM SETTINGS	**CALL RECYCLE**	<0-9>		When the alarm is triggered, the control panel dials the numbers you have stored. If you do not disarm the system, the control panel will call you again (up to 9 times). The "Call Recycle" function enables you to define the number of times the control panel attempts to call you.	
SYSTEM SETTINGS	**BACKLIGHT TIME**	030 S	-	Press "Enter" to adjust the time during which the LCD screen is lit.	Backlight time can be set from 0 to 300 s
SYSTEM SETTINGS	**LANGUAGE**	-	-	Change the language of the system.	Languages available may vary depending on the version of your product.
SYSTEM SETTINGS	**RESET**	-	-	All system settings will be restored to default setting. Stored phone numbers and connected accessories will be cleared.	
SYSTEM SETTINGS	**ABOUT**	ABOUT JUN 4 2014			
HISTORY	-	-	-	Choose the event log you need to track, press "Enter".	The control panel keeps in record the latest 150 event logs.

Control by Phone Call

This feature is available only after having enabled it from the control panel, as explained on page 11 of this manual.

Method 1
When an alarm has been triggered, the control panel dials the stored phone numbers. When you pick up the phone, follow the voice instructions to control the panel from distance (refer to the instructions in the table below).

Method 2
1. Dial the telephone number of your control panel (either the number of the SIM card in your control panel or the number of the landline to which your panel is connected). After getting through, the voice instructions will guide you to enter your access code.
2. Enter your access code (user code), followed by "#".
3. A voice gives you the options you can select.
4. Select the operations to control the panel (see instructions in the table below).

Note
The call will end automatically if you do not send any command within 30 seconds.

Table of commands for control by phone call

Command	Function	Comment
Press "1"	Arms the system	Voice prompt "System armed"
Press "0"	- Disarms the system and turns the siren off - Stops monitoring without hanging up - Ends the phone call without hanging up	Voice prompt "System disarmed"
Press "*"	Audio monitoring	Press "*" to extend the monitoring time
Press "3"	Phone call with control panel	-
Press "6"	Turns the siren off	-
Press "9"	Turns the siren on	-
Press "#"	- Disarms the system and turns the siren off - Exits control by phone call	Hanging up also exits the control by phone call.

Note
In GSM mode, the audio monitoring is not limited in time.
In PSTN mode (connected to your landline), the audio monitoring is limited to 80 seconds. If you wish to extend the time of audio monitoring, press the "*" on your phone before the end of the 80 seconds.

Zone Setup of Accessories

Every detector can be assigned to 4 different categories of zones: Home Zone, Delay Zone, Normal Zone and 24-H Zone. To assign a detector to a zone, follow the instructions on page 10 of this manual (the zone will be assigned at the time of connection of the accessory).

Normal zone
When the system is armed, if a sensor is triggered, the siren rings out. When the system is disarmed, sensors do not trigger an alarm.

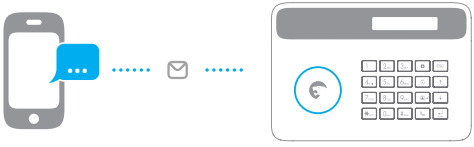
24h zone
Regardless the system is armed or disarmed, sensors assigned to the 24h zone can trigger an alarm. *It is recommended to assign smoke detectors, gas detectors and outdoor beam sensors to the 24-H zone.*

Delay zone
If you want to set up the entry and exit delay functions, corresponding sensors must be assigned to the Delay zone. Once the delay time has been set up, the sensors will not trigger the alarm during the delay set. Refer to the instructions "Entry and Exit Delay" on page 11 of this manual. *It is recommended to assign the Door / Window Contact to the Delay zone.*

Home zone
When the system is armed in Home Mode, the sensors assigned to the Home zone do not trigger an alarm. *It is recommend to assign motion dectors to the Home zone so that you can have your system armed in Home Mode when you are home and move inside your home without triggering any alarm.*

Connect to CMS Center

Ignore this step if you are not connected to a CMS center. If you are connected to a CMS center, the control panel will upload your contact ID to the CMS center automatically if an intrusion is detected.



SMS Operations

SMS Operations

IMPORTANT: BEFORE USING FOR THE FIRST TIME

INSERT A SIM CARD IN THE CONTROL PANEL BEFORE STARTING SMS OPERATIONS.

MAKE SURE THE SIM CARD DOES NOT REQUIRE ANY PIN CODE.

SAVE A SMS NUMBER IN THE CONTROL PANEL (USING THE CONTROL PANEL).
Only stored numbers can control and configure the system.
(Refer to the instructions page 10)

Each SMS operation defined in this user manual will be illustrated as follows:

You send:

SMS Command

The control panel replies:

Control panel's reply

The first blue speech bubble is the SMS command sent by the user.

The first grey speech bubble is the reply sent by the control panel.

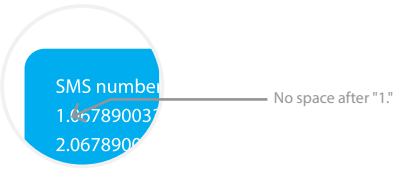
The speech bubbles that follow are the dialogue between the user and the control panel (SMS sent by the user are in blue, SMS sent by the control panel are in grey).

The system is in English by default. To change the system language, refer to the instructions on page 22 of this manual.

Important

When replying to the control panel by SMS, make sure no space follows punctuation marks like "." or ":". For examples, to store SMS numbers, your SMS must be formatted as follows:

SMS numbers:
1.067890033
2.067890022
3.067890011
4.067890000
5.



Disarm the System

Send:

0

System disarmed.

Arm the System

Send:

1

System armed.

Home Mode

Send:

2

System in home mode.

Settings Enquiry

Send:

00

System:Disarmed
AC power:on

Note
The values indicated hereinabove will change after having set up the system.

Store Phone Numbers

Send:

5

Phone numbers:
1.
2.
3.
4.
5.

Copy, paste, then edit (case sensitive):

Phone numbers:
1. 067890033
2. 067890022
3. 067890011
4. 067890000
5.

Ok

Store Phone Numbers for SMS Notifications

Send:

6

SMS numbers:
1.
2.
3.
4.
5.

Copy, paste, then edit (case sensitive):

SMS numbers:
1. 067890033
2. 067890022
3. 067890011
4. 067890000
5.

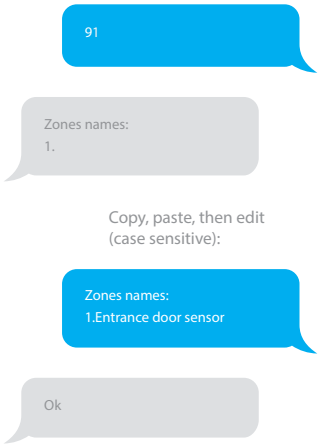
Ok

Note

The first SMS number will receive SMS notifications when the system is disarmed by RFID tag. To start receiving these notifications, you must rename the RFID tags. Up to 4 RFID tags can be renamed. Other tags will be attributed a number based on the order of registration to the control panel. Refer to the instructions on page 10 to learn how to register an RFID tag in the control panel.

Rename Zones

Send "91~99". For example for zone 1, send:

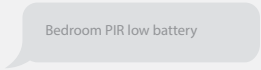


Note
Zones 1 to 9 can be renamed. The name of the zone cannot consist of more than 30 Latin characters. Zones 10 to 50 cannot be renamed.

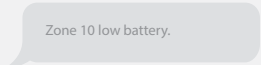
SMS Alert for Accessory Low Battery

(available for two-way acessories such as Motion Detectors)

For accessories assigned to zones that have been renamed, an SMS will be sent under the format "Zone name + low battery".



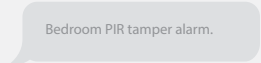
For accessories assigned to zones that have not been renamed, an SMS will be sent under the format "Zone number + low battery".



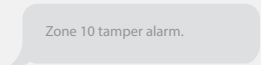
SMS Alert for Accessory Tamper Alarm

(available for two-way acessories such as Motion Detectors)

For accessories assigned to zones that have been renamed, an SMS will be sent under the format "Zone name + tamper alarm".



For accessories assigned to zones that have not been renamed, an SMS will be sent under the format "Zone number + tamper alarm".



Rename RFID Tag

Send:

10

Rename RFID tags:
1.
2.
3.
4.

Copy, paste, then edit (case sensitive):

Rename RFID tags:
1. Tom
2. Nurse
3. Nancy
4. David

Ok

Note

The first SMS number will receive SMS notifications when the system is disarmed by RFID tag. To start receiving these notifications, you must rename the RFID tags. Up to 4 RFID tags can be renamed. Other tags will be attributed a number based on the order of registration to the control panel. Refer to the instructions on page 10 to learn how to register an RFID tag in the control panel.

Entry and Exit Delay Time

Send:

11

Entry delay time(0-300sec):0
Exit delay time(0-300sec):0

Copy, paste, then edit (case sensitive):

Entry delay time(0-300sec):10
Exit delay time(0-300sec):20

Ok

Note

This function will only affect detectors assigned to the Delay zone. Refer to the instructions on "Wireless" on page 10 of this manual to learn how to set up your sensor to the Delay zone.

This function can be used if you do not want to bring a remote control or a RFID tag with you.

When you arm the system, the system will be armed after the delay set. When you disarm the system, the system will be disarmed after the delay set.

When arming the system, you hear one beep every second to remind you to leave. The beep rhythm speeds up during the last 10 seconds. If an intruder is detected, the alarm will be delayed accordingly.

Siren Volume and Ringing Time

Send:

12

Siren volume(0=Mute,1=High):1
Siren ringing time(1-9min):5

Copy, paste, then edit (case sensitive):

Siren volume(0=Mute,1=High):0
Siren ringing time(1-9min):1

Ok

Disarm Password

Send:

13

Disarm password (4 digits):
1234

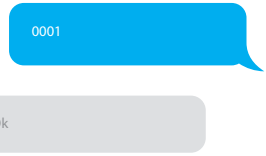
Copy, paste, then edit (case sensitive):

Disarm password (4 digits):
8888

Ok

Change System Language

Send the code corresponding to the language you want to set. For example, for English, send "0001".



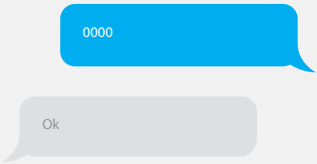
Refer to the table below for the full list of languages:

0001 English
0002 French
0003 Russian
0004 Danish
0005 Dutch
0006 Italian
0007 Swedish
0008 German
0009 Spanish
0010 Finnish
0011 Norwegian
0012 Arabic
0013 Farsi

Languages available may vary depending on the version of your product.

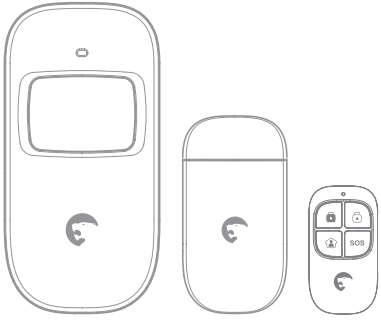
Restore System to Factory Settings by SMS

Send:



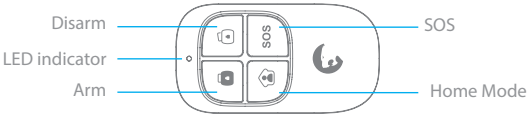
The settings will be restored to default values. Stored phone numbers and connected accessories will not be deleted.

Note
Only stored numbers can send the SMS to restore factory settings.



Accessories

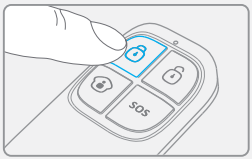
Wireless Remote Control



Arm the system

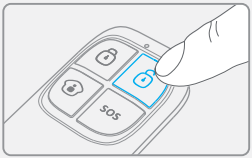
Press the Arm button "🔒" to arm the alarm system. The LED indicator lights up (the control panel beeps once). The system is armed.

If an intruder is detected, the siren rings out. (The siren turns off after 5 minutes as per default settings.) In the meantime, the system dials the stored phone numbers automatically.



Disarm the system

Press the Disarm button "🔓" to disarm the alarm system. The LED indicator turns off (the control panel beeps twice). The system is disarmed.

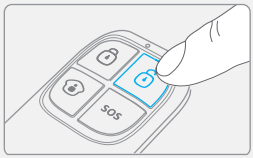


Home Mode

Press the Home Mode button "🏠" on the remote control. The system state LED is on. All the sensors in regular zones are armed except those in the Home Mode zone. The sensors in the Home Mode zone are disarmed so that users can move inside their home.

Mute Mode

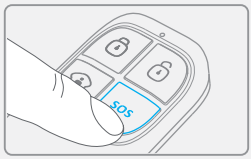
Press the Home Mode button "" and then the Arm "" or Disarm "" button immediately after. Doing so, the control panel does not beep when you arm or disarm your system.



Emergency Mode

Regardless the status of the system, the alarm is triggered when the SOS button "SOS" is pressed on the remote control.

At the same time, the control panel sends a notification by SMS ("RC-*01* SOS", *01* being the remote control's number) and dials the pre-stored phone numbers.



Register in the control panel

Refer to the instructions in the table on page 10 of this manual "REMOTE".
To check if the registration is complete, refer to the instructions in the table on page 10 ("Test Mode").

Specifications

Power supply
DC 3V (CR2025 button battery x1)

Static current
≤10 uA

Operating current
≤7 mA

Transmission distance
≤ 262.5 ft (in open area)

Radio-frequency:
315 MHz (±75KHz)

Housing material
ABS plastic

Operating conditions
Temperature: 14ºF ~ 131°F
Relative Humidity: ≤80%
(non-condensing)

Dimensions
2.2" x 1.2" x 0.4"

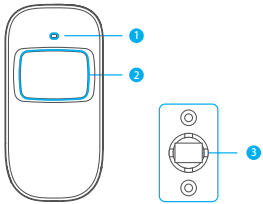
Wireless Motion Detector

Features

The ES-D1A is a high performance wireless motion detector boasting a digital dual-core fuzzy logic infrared control chip with intelligent analysis. This technology identifies interferences created by body motion and reduces the false alarm rate.

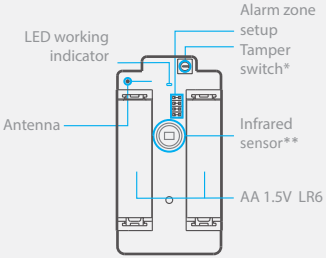
With automatic temperature compensation and anti-air turbulence technology, it easily adapts to environmental changes.

Design



1. LED indicator
2. Detection window
3. Bracket

PCB Layout



*Tamper switch

When the alarm system is armed, the tamper switch will trigger the alarm if the case is opened.

**Infrared sensor

Detects the infrared rays released by human body motion. Do not touch the surface. Keep the surface clean.

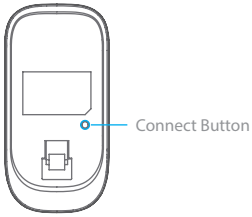
LED indications

Blinks continuously: self-testing
Blinks once: an intruder is detected
Blinks twice: self-testing is complete; entering working mode.
Blinks once every 3 seconds: under-voltage indication, the batteries must be replaced. (You will be informed by SMS when the batteries are low if the motion detector is registered in the control panel.)

Usage

Open the case and remove the battery activation strip. Self-testing will start for 30 seconds.

When the sensor is in operation, if it is triggered more than twice within 3 minutes, it will switch to standby mode to save power. If no movement is detected within the next 3 minutes, the sensor goes back to working mode.



Register in the control panel

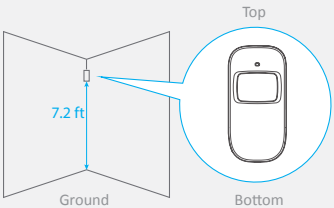
Navigate through the menu of the control panel and reach "ADD A NEW" (Wireless Sensor). Press the Connect button at the back of the motion sensor or trigger the sensor (by moving in front of it) to register the detector in the control panel.
To check if the registration is complete, refer to the instructions in the table on page 10 "TEST MODE".

Installation

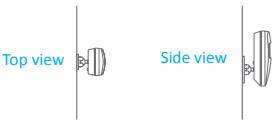
Avoid mounting the detector close to windows, air conditioner, heater, refrigerator, oven, sunshine and places where the temperature changes fast or where the air stream flows frequently.

If two detectors are installed in the same detection scope, adjust the location to avoid interferences and false alarms.

Fix the bracket on the wall with screws and attach the detector to the bracket. Adjust the bracket to change the detection distance and angle. It is recommended to mount the detector 7.2 ft from the ground.



The detector is more sensitive to cross movements than vertical movements.



Testing

A. After the installation, turn the detector on. After one minute of self-testing, press the test button, walk in the scope of detection and watch the LED indicator to make sure the detector is working.

B. The LED indicator blinks once when body movement is detected.

C. Adjust the detector angle to achieve the best detection performance.

Specifications

Power supply
DC 3V (AA 1.5V LR6 Batteries x 2)

Static current
≤ 30uA

Alarm current
≤ 15 mA

Detection scope
26.2 ft / 110°

Transmission distance
≤ 262.5 ft (in open area)

Radio-frequency
315 MHz (±75 KHz)

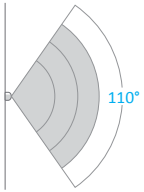
Housing material
ABS plastic

Operating conditions
Temparature: 14ºF ~ 131°F
Relative humidity: ≤ 80% (non-condensing)

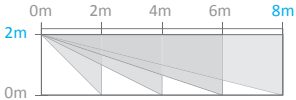
Detector dimensions (L x W x H)
4.2" x 2.1" x 1.3"

Bracket dimensions (L x W x H)
2.1" x 1.2" x 1.1"

Detection Scope



Top view



Side view

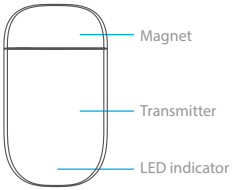
Wireless Door / Window Contact

Features

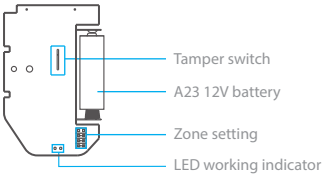
The ES-D3A is a Door / Window Contact that can be installed on doors, windows, and any other objects that open and close. The sensor sends a signal to the control panel when the magnet is separated from the transmitter.

Thanks to the tamper switch, any attempt to remove the cover of the Door / Window Contact will trigger the alarm.

Design



PCB Layout



LED indications

Blinks once: the door or window is open and the transmitter sends a signal to the control panel.
Blinks quickly: Low power indication, the batteries must be replaced.

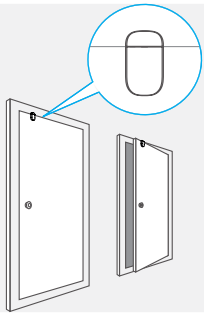
Register in the control panel

Navigate through the menu of the control panel and reach "ADD A NEW" (Wireless Sensor). Then separate the magnet from the transmitter to register the detector in the control panel.

To check if the registration is complete, arm the system and separate the magnet from the transmitter again by opening the door or window on which it is installed. If the siren rings out, the registration is successful. Or refer to the instructions in the table on page 10 "TEST MODE".

Installation

- Open the case and remove the battery activation strip.
- Mount the sensor on the door and the magnet on the door frame.
- Make sure the magnet is placed above the transmitter.
- Mount the magnet max. 0.4" away from the transmitter and secure the transmitter and magnet with double-sided tape or screws.
- Avoid mounting the sensor in areas with a large amount of metal or electrical wiring such as a furnace or utility room.



Specifications

Power supply
DC 12V (A23 12V Battery x 1)

Static current
≤ 30 uA

Alarm current
≤ 15 mA

Transmitting distance
≤262.5 ft (in open area)

Radio-frequency
315 MHz (±75 KHz)

Housing material
ABS plastic

Operating conditions
Temparature: 14ºF ~ 131°F
Relative humidity: ≤ 80% (non-condensing)

Transmitter dimensions (LxWxH)
23.6" x 17.7" x 7.1"

Magnet dimensions (LxWxH)
17.7" x 7.5" x 6.9"

RFID Tag

Features

The RFID tag enables you to disarm your system or unlock electronic door locks.

Register in the control panel

Refer to the instructions in the table page 10 of this manual ("RFID TAG").

Specifications

Dimensions
1.8" x 1.2" x 0.3"

Register an Additional eTiger Siren

The control panel of the S4 features a built-in 100 dB siren.
Your eTiger security systems supports additional indoor and/or outdoor sirens so to enable you to extend your system according to your needs.

To register an additional eTiger siren, refer to the instructions provided in the manual that comes with your siren.

For more information on sirens and accessories compatible with eTiger security systems, visit our website etiger.com

Troubleshooting and Safety Instructions

FAQ

Issue	Cause of malfunction	Solution
No response following interaction with the control panel	The control panel is switched off	Open the battery compartment and turn the power on
	Electricity grid failure	Contact your electricity provider
	Backup batteries are empty	Plug the AC adapter to an AC socket
Accessories cannot connect to the control panel	The control panel is not in Connection mode	Make sure the control panel is in Connexion mode
	Accessories have not been triggered for connection	Make sure the accessory is triggered so to send a signal to the control panel
	When attempting the connection, the control panel beeps twice	The accessory has already been connected Make sure you do not trigger any other accessory when connecting one accessory to the control panel (e.g. do not stay in the detection scope of a motion detector if it is not the one you want to connect)
No response from the control panel following commands from the remote control	The remote control has not been connected to the control panel	Follow the instructions in this manual to connect the remote control to the panel
	Remote control is too far from the control panel	Transmission distance of the remote control: 80 m (in open area) A signal repeater can be installed to increase the transmission distance
RFID tag fails to disarm the system	RFID tag has not been connected to the control panel	Follow the instructions in this manual to connect the RFID tag to the control panel
Impossible to access settings from the control panel	You are not in the setup menu of the LCD display	Enter your admin code followed by "Enter" to enter the setup menu

If you are experiencing issues that are not described in the FAQ above, visit etiger.com to download the latest update of this user manual and for additional support.

Precautions

For a safer use of the product and to optimize the lifespan of the product, we recommend you to follow the precautions below:

- The wireless accessories must be connected to the control panel.
- Low power voltage may affect transmission distance.
- Do not press the SOS key on the remote control if it is unnecessary to avoid disturbing neighborhood.
- Check the system regularly to make sure the system works properly.
- The control panel is neither waterproof nor moisture-proof, install it in a shady, cool and dry place.
- The case of the control panel is made of ABS plastic. Keep away from bright light for a longer lifespan.
- The control panel is not explosion-proof. Keep away from fire and flames.
- Install the control panel away from objects such as heater, air conditioner, microwave oven etc. that generate heat or electromagnetic fields.
- Dispose of the batteries according to local regulations.
- Dismantling of this product must be done by professional personnel only.

Standards

This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment.

For further information, please contact your local or regional authorities.

Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.

CE

In compliance with European laws. This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

RoHS COMPLIANT

This product was designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and of the Council on the restriction of use of certain hazardous substances in electrical and electronic equipment (RoHS Directive - RoHS) and is deemed to comply with the maximum concentration values set by the European Technical Adaptation Committee (TAC).

Manufactured in China.

FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
Any change or modification not expressly approved by eTIGER may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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